



## Project at a Glance

**ACTIVITY NAME:** 3A: Renewable Energy Education Project

**COUNTRY:** Burkina Faso

**WORLD BANK PROJECT ID:** P120478

### Activity Details

<b>Region:</b>	Africa	<b>Project ID:</b>	P120478
<b>Country(s):</b>	Burkina Faso	<b>Product Line:</b>	Technical Assistance (TA) (non-lending)
<b>Responsible Unit(s):</b>	AFTEG	<b>Activity Approval Date:</b>	03/24/2010
<b>Status:</b>	Closed	<b>Task Team Leader:</b>	Juliet Pumpuni
<b>ESMAP Reviewer:</b>	Silvia Martinez Romero	<b>Fiscal Year of Approval:</b>	2010
<b>Sector:</b>	General Energy	<b>Theme:</b>	Other Theme
<b>Program:</b>	Clean Energy	<b>Sub-program:</b>	AFREA
<b>Relevance of Social/Gender Aspects:</b>	Not Monitored <b>High:</b> Social/Gender aspects are highly relevant and should be incorporated at the PCN stage <b>Medium:</b> There is scope to consider social/gender aspects and the PCN should address them <b>Low:</b> Minimal opportunity to incorporate specific social/gender aspects		
<b>Activity Description:</b>	The project has a focus on solar energy and biofuels, and the activities include development and implementation of workshops/courses in renewable energy and a distance-learning MSc (Renewable Energy) program. The REEP workshops are aimed at training about 100 engineers and 200 technicians in the design, installation, operation and maintenance of grid-connected solar PV energy systems in Burkina Faso and Ghana, targeting opportunities to scale-up delivery of energy efficient lighting and other services to households, schools and hospitals. The education component of the REEP aims at developing and upgrading renewable energy technology content of teaching curricula at KNUST and ZIE, targeting about 100 undergraduate and 20 postgraduate students. The distance-learning component of the REEP is targeting employees of public and private institutions across West Africa, leading to the award of an MSc (Renewable Energy) degree. AFREA funds are utilized to upgrade the capabilities of the West African partners in REEP - the ZIE (Burkina Faso) and College of Engineering, KNUST (Ghana) - to plan, deliver and evaluate "hands-on" training to transfer know-how on renewable energy technology assessment and project implementation to its clients.		

### Outputs

Output Name	Category	Type	Output Target Group	Delivered
<a href="#">1. ECOWAS Workshop on Scale-up Program for Small Scale Hydro-Power</a>	Actual	Event Proceeding Document	ECOWAS Region Governments and Utilities	Yes

#### Output Details:

Objectives of the Workshop: \*to take stock of the progress of small scale hydro power (SHP) development and to assess the individual support needs of the participating ECOWAS countries · to validate the proposal for the ECOWAS Up-Scale Programme for Small-Scale Hydropower and attract interest of possible financiers · to gather country information on resources, institutional set-ups and policies in the SHP sector · to compile an inventory of SHP investment projects to be presented to financiers and investors · to initiate a regional information network of national SHP focal points and experts · to provide training on key aspects of SHP project development for ECOWAS experts and facilitate cross-border exchange of experiences and lessons learned · to create awareness among invited policy makers that SHP is a tool for poverty reduction and sustainable development in periurban and rural areas

#### Deviation Details:

Not applicable

### Outcomes

Outcome Name	Indicator(s)	Amount Financing Informed	Category	Baseline Value	Baseline Value Date	Target Value	Target Value Date	Date Measured
<b>1. Client Capacity Increased</b>	Implementation capacity strengthened		Actual	Not measured	02/29/12	Not measured	12/30/20	12/30/20
<p>Outcome Details:  The activity was aimed to strengthening the capacities of two West African universities - the International Institute for Water and Environmental Engineering (2IE) in Burkina Faso and The Energy Center at the Kwame Nkrumah University of Science and Technology (TEC/KNUST) in Ghana - to transfer know-how on renewable energy technology to their clients. Although the activity is still ongoing, the two universities have already trained 28 persons and certified 6 persons as trainers on RETScreen and GIS Energy Planning, which indicates an increased capacity to design and offer renewable energy training.</p> <p>Deviation Details:  N/A</p>								

### Financial Data

		Current Fiscal Year	
ProjectID	Allocation	Total Disbursements	Committments
P120478	62,520.44	62,520.44	0.00
P120478	463,820.83	463,820.83	0.00
P120478	125,425.80	125,425.80	0.00
P120478	377,000.00	377,000.00	0.00

### Impl. Progress

**Last Updated By:** Andres Londono      **Date:** 01/07/13      **Rating:** On Track

### Dissemination Notes

Dissemination Notes yet to be provided.